

*(proposed)*

# **NOAA Data Catalog Approach**

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NOAA DM Architect

# Catalog Goals

- Users can find NOAA data for desired phenomenon, location and time
  - Without knowing Office/Program structure
  - Single starting point to find the data that is accessible via web services and well documented
- Data providers can register their services once, in a community catalog
  - And have their data be visible in a master catalog
- NOAA leadership can see improvements in NOAA data discovery & access

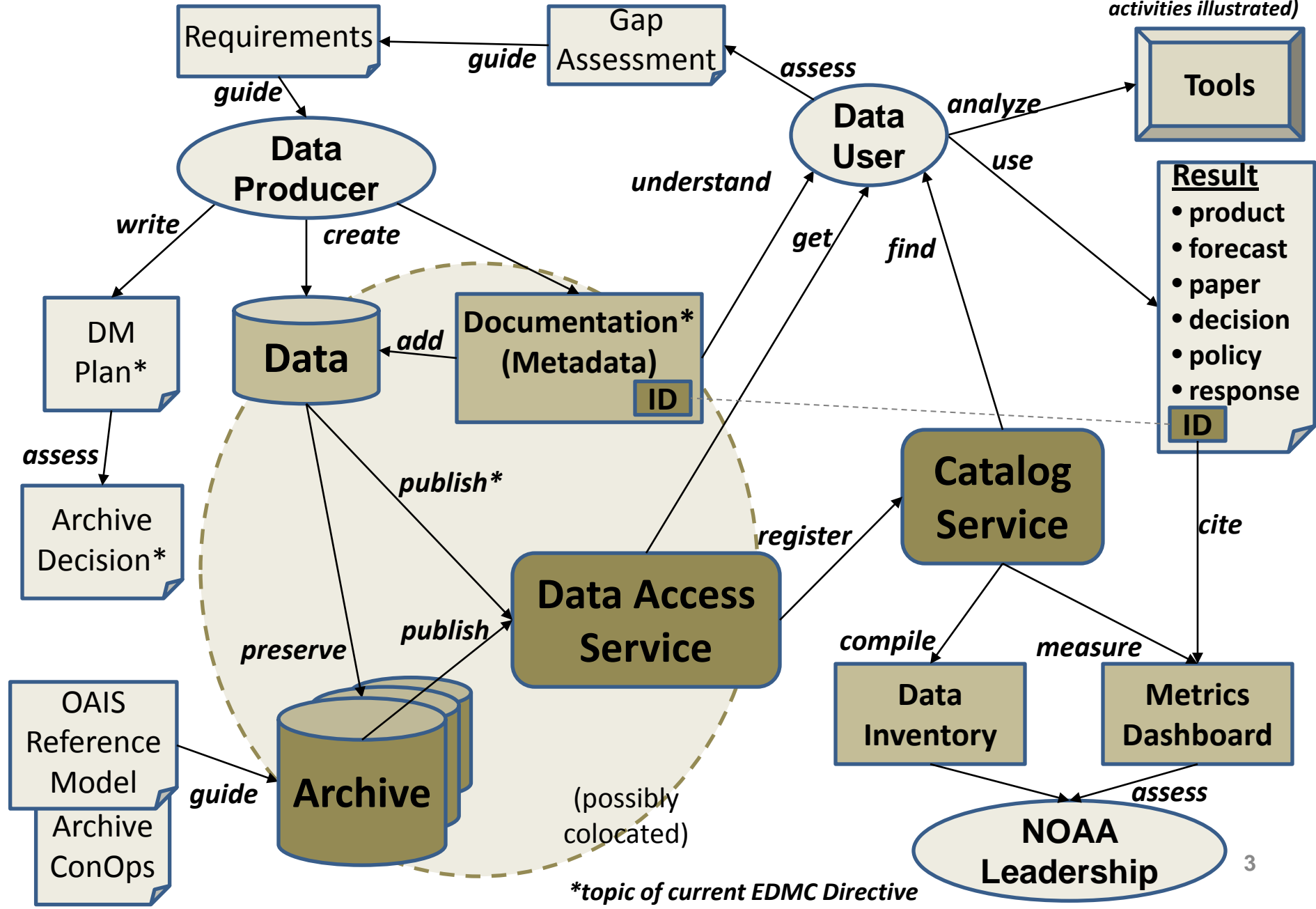


# Data Management Overview Graphic:

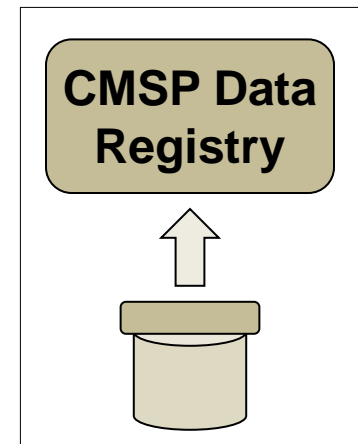
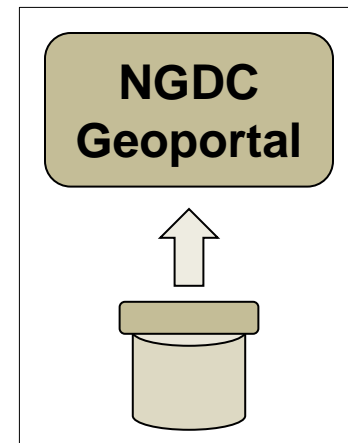
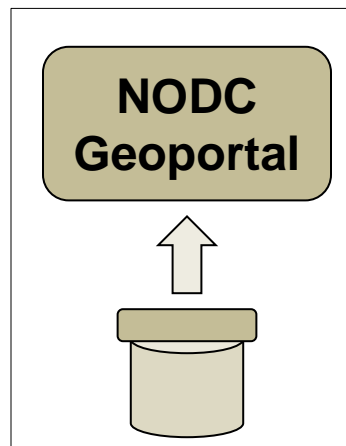
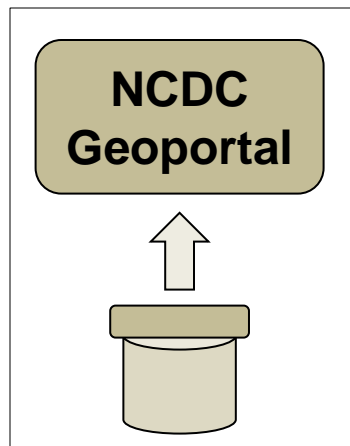
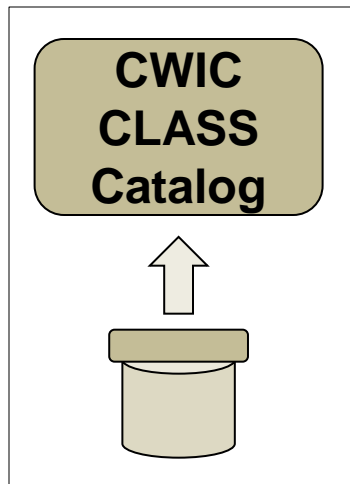
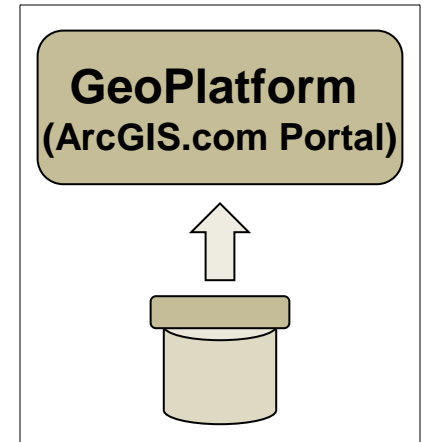
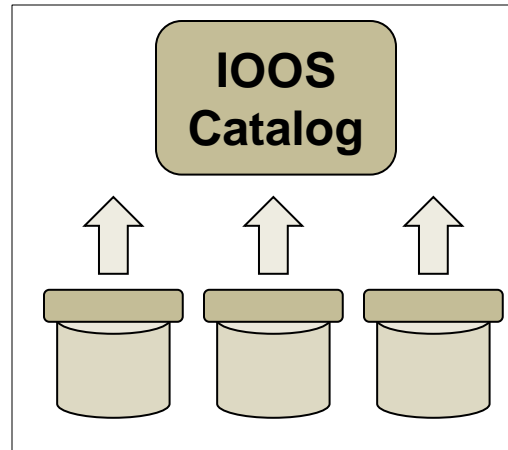
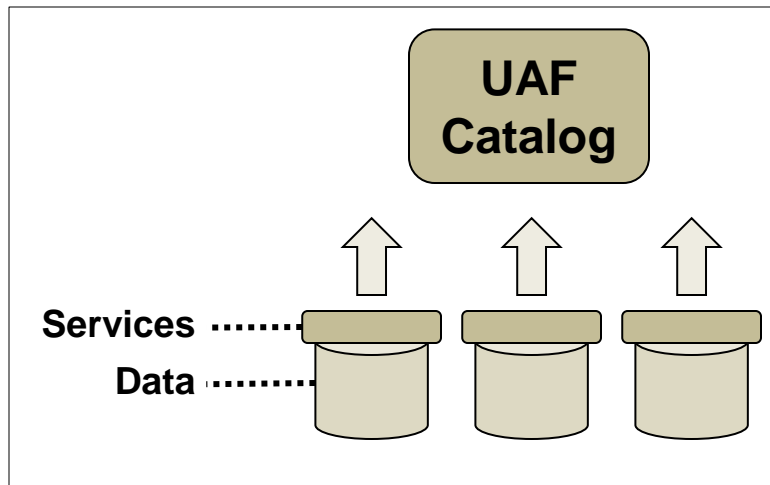
## Connections and Information Flow

[OV-2]

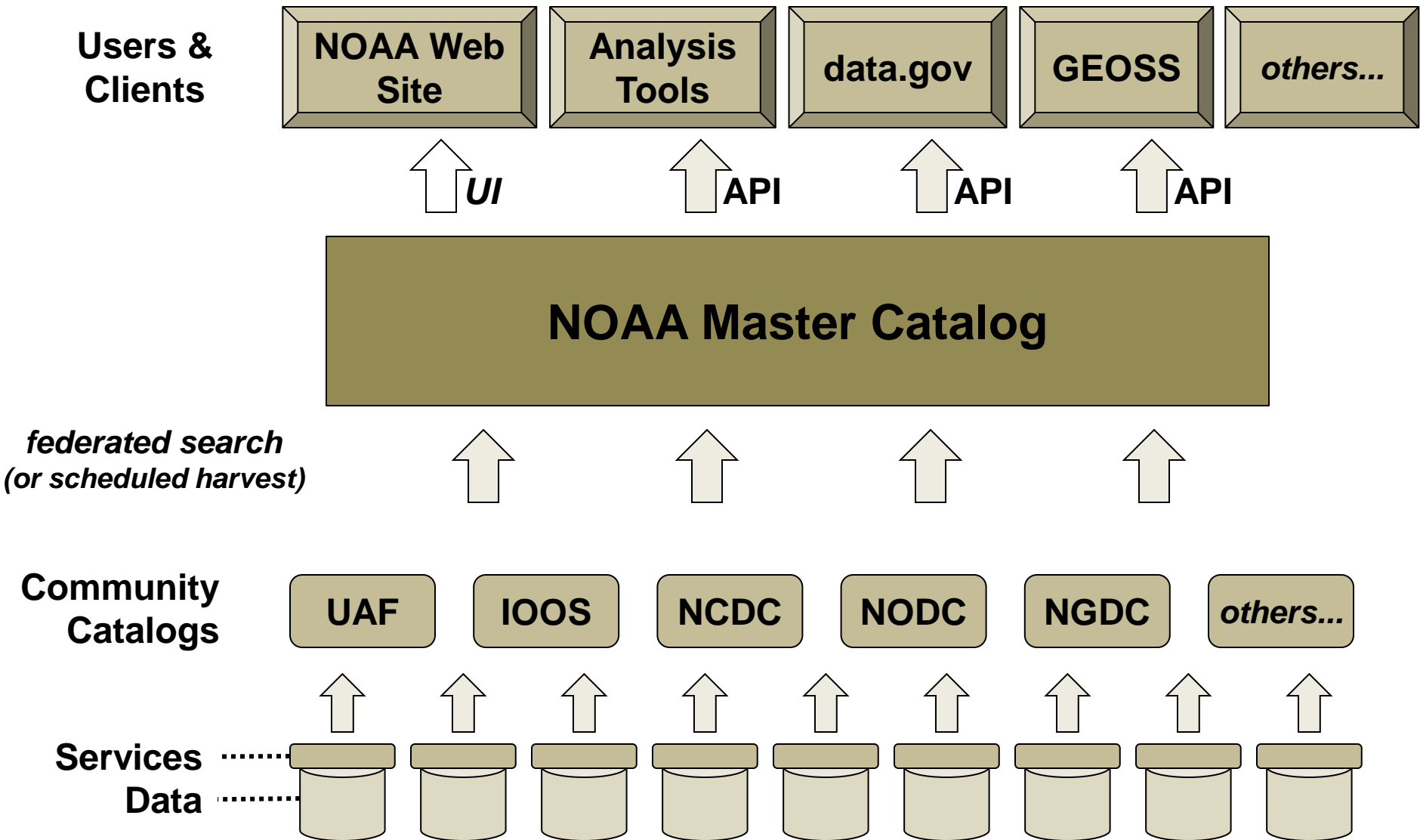
(Note: Not all activities illustrated)



# Some Existing Community-Specific Catalogs



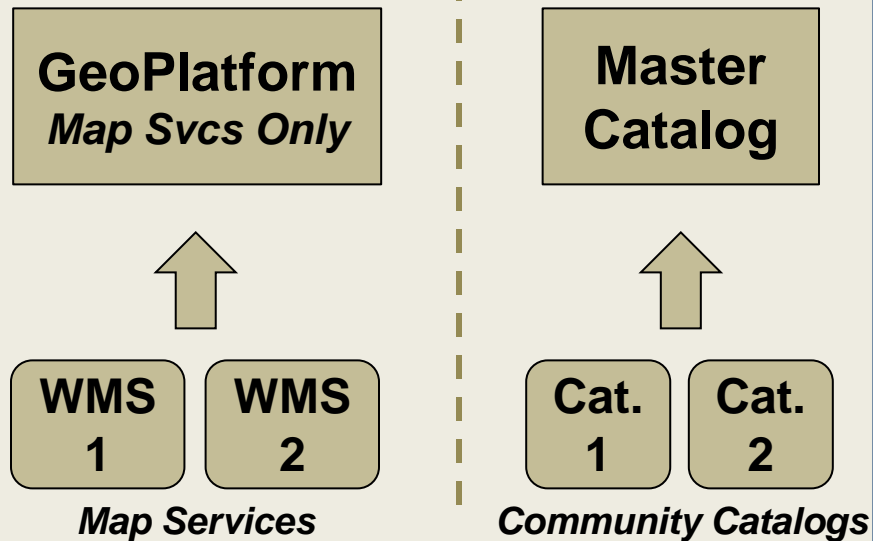
# Conceptual NOAA Distributed Catalog Architecture



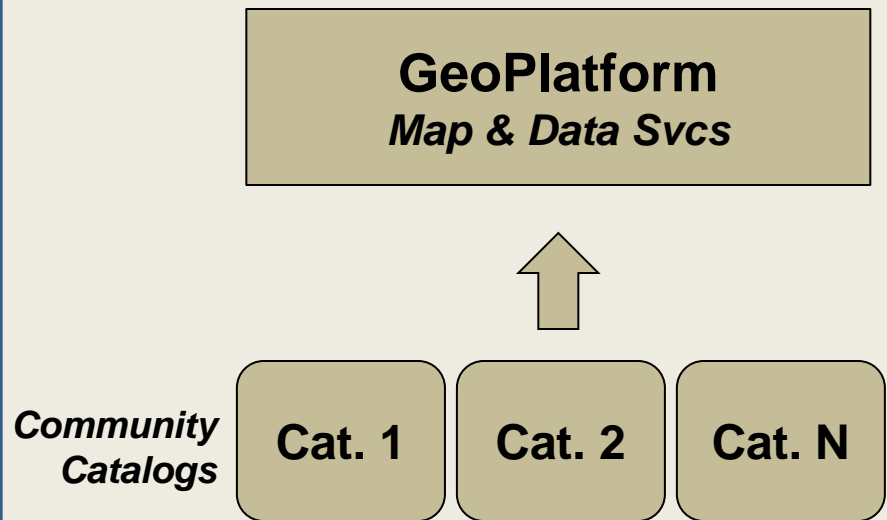
# Backup Slides

# Potential Relationship of GeoPlatform to NOAA Master Catalog

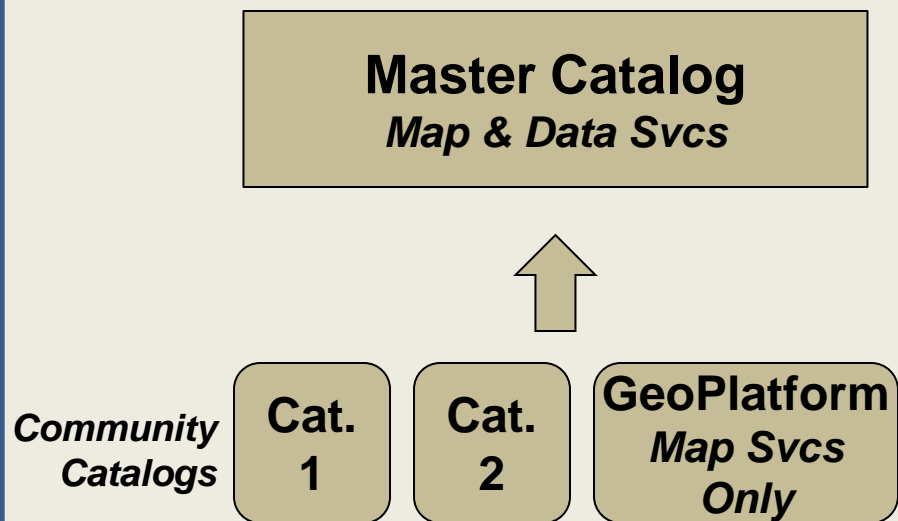
## A) No relation



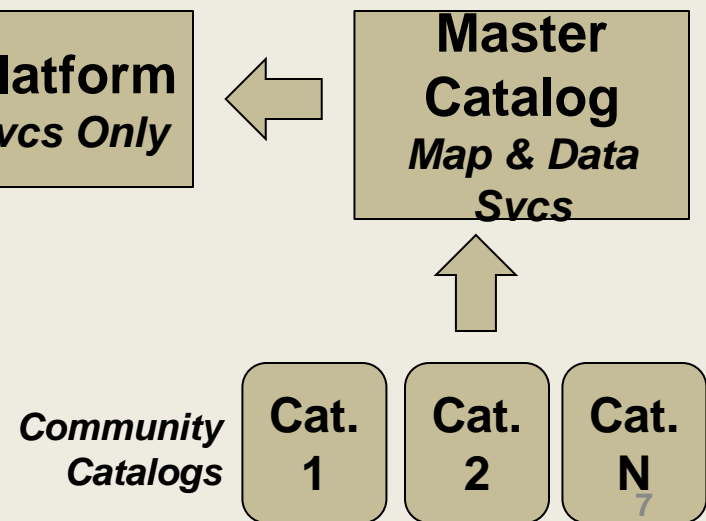
## B) GeoPlatform is Master Catalog



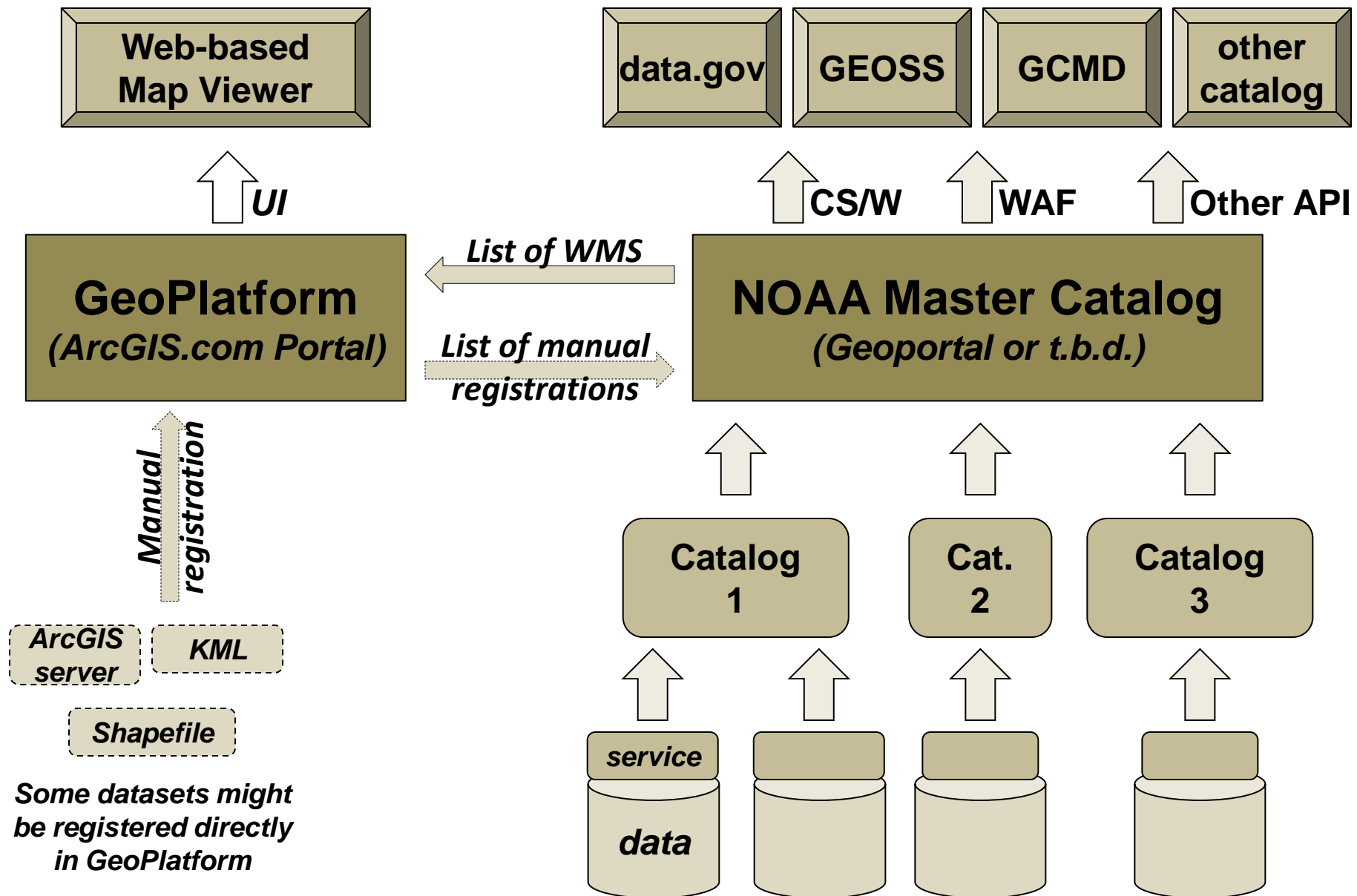
## C) GeoPlatform feeds Master Catalog



## D) Master Catalog feeds GeoPlatform

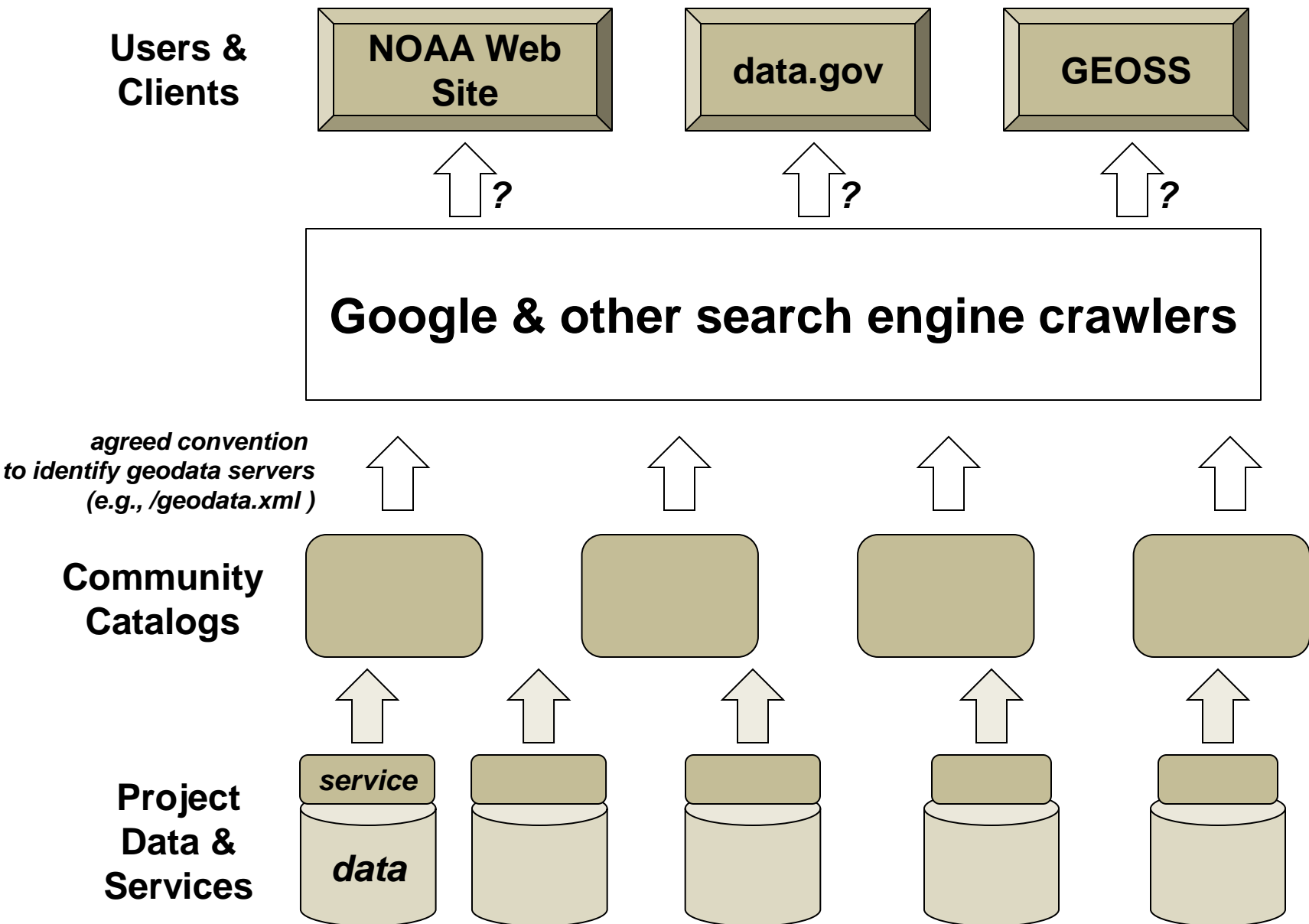


# GeoPlatform and Master Catalog working together





# Use Google instead of a Dedicated Catalog?



# Probably want both formal catalog & search engine support

